



# SPYWOLF

## Security Audit Report



Completed on  
**September 15, 2023**

@SPYWOLFNETWORK



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SPYWOLF.CO





# OVERVIEW

This audit has been prepared for **CRAZY APE** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence



*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*



- SPYWOLF Team -





# TABLE OF CONTENTS

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Project Description	01
Contract Information	02
Current Stats	03
Vulnerability Check	04
Threat Levels	05
Found Threats	06
Good Practices	07
Tokenomics	08
Team Information	09
Website Analysis	10
Social Media & Online Presence	11
About SPYWOLF	12
Disclaimer	13



# CRAZY APE



## PROJECT DESCRIPTION

### **According to their website:**

Embrace the Madness! Laugh, HODL, Profit: Crazy Ape Coin's the Way!

Join the Revolution, Go Ape for Wealth Evolution!

**Release Date:** Presale starts in September 15, 2023

**Category:** Meme



# CONTRACT INFO

Token Name  
Crazy Ape

Symbol  
CA

Contract Address

0x1B85056a403cf2727B71f8CCa4759963061B2125

Network

Binance Smart Chain

Language

Solidity

Deployment Date

Sep 15, 2023

Contract Type

Baby Token

Total Supply

1,000,000,000 CA

Status

Launched

## TAXES

Buy Tax

**8%**

Sell Tax

**8%**

- Buy taxes cannot be over 25%
- Sell Taxes cannot be over 25%



## Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

### Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



# TOKEN TRANSFERS STATS

Transfer Count	3
Uniq Senders	2
Uniq Receivers	3
Total Amount	1806000000 CA
Median Transfer Amount	500000000 CA
Average Transfer Amount	602000000 CA
First transfer date	2023-09-12
Last transfer date	2023-09-13
Days token transferred	2

# SMART CONTRACT STATS

Calls Count	13
External calls	8
Internal calls	5
Transactions count	10
Uniq Callers	3
Days contract called	3
Last transaction time	2023-09-12 14:17:05 UTC
Created	2022-06-02 09:12:42 UTC
Create TX	0x73d4303a07950ca1e2bae1e9005cf42bdf9515d63299a222b31bd97167f19dac
Creator	0x67cab63620a1cf503471b3021f4dba4c3e9898a7



# VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed





# THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## High Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Medium Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Low Risk

---

Issues on this level are minor details and warning that can remain unfixed.

## Informational

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Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.





# FOUND THREATS

## Medium Risk

**Owner can set buy/sell fees up to 25%.**

Combined buy+sell = 50%.

When fees are above 0, there will be certain amount of tokens that will be deducted from every transaction that users make.

Deducted amount will be as much as the fees % from total amount that user had bought, sold and/or transferred.

```
function setBuyTaxes(uint256 liquidity, uint256 rewardsFee, uint256 marketingFee, uint256 deadFee) external onlyOwner {
    require(rewardsFee.add(liquidity).add(marketingFee).add(deadFee) <= 25, "Total buy fee is over 25%");
    buyTokenRewardsFee = rewardsFee;
    buyLiquidityFee = liquidity;
    buyMarketingFee = marketingFee;
    buyDeadFee = deadFee;
}

function setSellTaxes(uint256 liquidity, uint256 rewardsFee, uint256 marketingFee, uint256 deadFee) external onlyOwner {
    require(rewardsFee.add(liquidity).add(marketingFee).add(deadFee) <= 25, "Total sel fee is over 25%");
    sellTokenRewardsFee = rewardsFee;
    sellLiquidityFee = liquidity;
    sellMarketingFee = marketingFee;
    sellDeadFee = deadFee;
}
```

- Recommendation:
  - Considered as good tax deduction practice is buy and sell fees combined not to exceed 25%.

 **Contract's ownership is renounced.**  
**Owner does not have any special privileges.**



## Informational


### **Owner can exclude address from fees.**

When address is excluded from fees, the user will receive the whole amount of the bought, sold and/or transferred tokens.

```
function excludeFromFees(address account, bool excluded) public onlyOwner {  
    if(!_isExcludedFromFees[account] != excluded){  
        _isExcludedFromFees[account] = excluded;  
        emit ExcludeFromFees(account, excluded);  
    }  
}
```

### **Owner can exclude address from dividends.**

```
function excludeFromDividends(address account) external onlyOwner {  
    require(!excludedFromDividends[account]);  
    excludedFromDividends[account] = true;  
  
    _setBalance(account, 0);  
    tokenHoldersMap.remove(account);  
  
    emit ExcludeFromDividends(account);  
}
```

 **Contract's ownership is renounced.**  
**Owner does not have any special privileges.**



RECOMMENDATIONS FOR

# GOOD PRACTICES

---

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

## CRAZY APE

### GOOD PRACTICES FOUND

- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner can set a transaction limit, but can't lower it than 1% of total supply
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



\*The following tokenomics are based on the project's whitepaper and/or website:

Max Supply: 1,000,000,000

Tax – buy/sell 8% (3% USDT REWARDS, 3% MARKETING, 2% Liquidity)

50% initial Burn before presale – Done – Proof here:

<https://bscscan.com/tx/0xd34dc0e9e37d0e62a573352a76b6095aaf97b279232367cf4aadc0bac7d90a2f>

30% Presale– unsold token– burn

Liquidity – Locked for 200 days

Contract already RENOUNCED before presale – Proof here:

<https://bscscan.com/tx/0x82d64d7425a82bc67b475eec05bbeec3e3cc483d1e0a60962352ba12b0dad7a>

TOKENOMICS



# THE TEAM

⚠ The team is  
anonymous

## KYC INFORMATION

### No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





# WEBSITE

## Website URL

<https://crazyape.club/>

## Domain Registry

<http://www.namecheap.com>

## Domain Expiration

2024-09-09

## Technical SEO Test

Passed

## Security Test

Passed. SSL certificate present

## Design

Simple design with some nice graphics.

## Content

Missing a lot of information about the project and its goals.

## Whitepaper

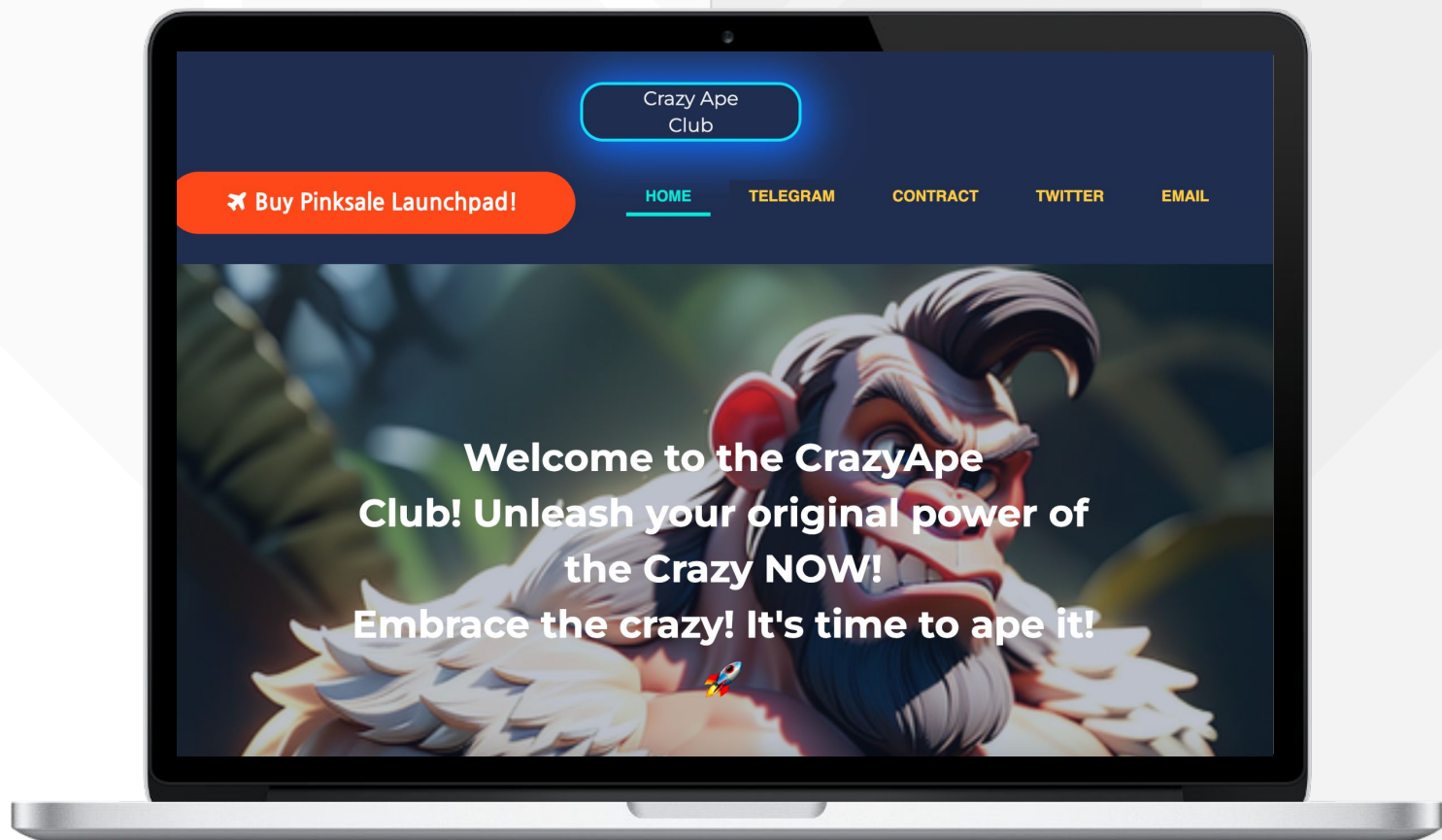
No

## Roadmap

No

## Mobile-friendly?

Yes



# crazyape.club

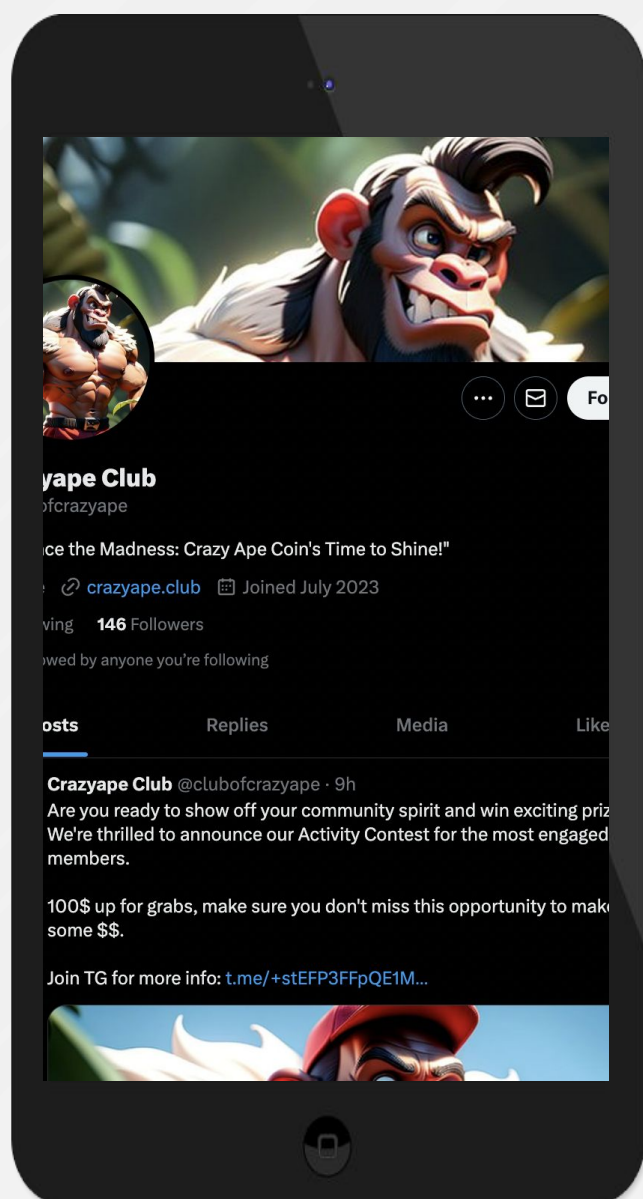


# SOCIAL MEDIA & ONLINE PRESENCE



## ANALYSIS

Social media pages are brand new with few posts.



**Twitter**

@clubofcrazyape

- 146 followers
- New account
- 2 posts



**Discord**

- Not available



**Telegram**

@+ju26vvOKcIFmNWQx

- 788 members
- Active mods and devs



**Medium**

- Not available





# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps  
Contract Development

## ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 500 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

To hire us, reach out to  
[contact@spywolf.co](mailto:contact@spywolf.co) or  
[t.me/joe\\_SpyWolf](https://t.me/joe_SpyWolf)

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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.